

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-33. (Canceled)

34. (Currently Amended) A method for an electronic device to retrieve data, comprising:

- broadcasting a discovery packet by said electronic device;
- receiving by said electronic device, in response to said discovery packet, at least one offer packet from at least one server available to transmit said data, said offer packet indicating a number of packets;
- selecting by said electronic device an offer from said at least one offer packet, said offer corresponding to a selected server;
- sending by said electronic device a start packet to said selected server;
- receiving by said electronic device a first plurality of sequentially ordered data packets from said selected server;
- sending by said electronic device an acknowledgement packet to said selected server, wherein said acknowledgement packet is sent after receiving a portion of said first plurality, and wherein said portion is greater than one and less than a total number of packets in said first plurality;
- discarding by said electronic device at least one data packet having a sequence identifier that is previous to an expected sequence identifier;
- receiving by said electronic device a last data packet of said sequentially ordered data packets from said selected server;
- sending by said electronic device a stop packet to said selected server upon receipt of all packets indicated in said offer packet.

35. (Previously Presented) The method of claim 34, further comprising sending by said electronic device a negative acknowledgement packet to said selected server upon receipt of at least one data packet having a sequence identifier that is subsequent to an expected sequence identifier.

36. (Previously Presented) The method of claim 34, further comprising sending by said electronic device a negative acknowledgement packet to said selected server upon a delay greater than a predetermined time interval in receiving at least one data packet having a next expected sequence identifier.

37. (Previously Presented) The method of claim 34, wherein said data comprises an operating system for said electronic device, and further comprising loading said operating system by said electronic device.

38. (Previously Presented) The method of claim 34, wherein said offer packet is unicasted to said electronic device by said at least one server.

39. (Previously Presented) The method of claim 34, wherein said start packet is unicasted to said selected server.

40. (Currently Amended) A method for a server to provide data to an electronic device, comprising:

- receiving by said server a discovery packet from said electronic device;
- sending by said server to said electronic device, in response to said discovery packet, at least one offer packet indicating that said server is available to transmit said data, said offer packet indicating a number of packets;
- receiving by said server a start packet from said electronic device;
- sending by said server a first plurality of sequentially ordered data packets to said electronic device;
- receiving by said server an acknowledgement packet from said electronic device, wherein said acknowledgement packet acknowledges receipt of a portion of said first plurality, and wherein said portion is greater than one and less than a total number of packets in said first plurality;
- sending by said server to said electronic device an additional number of said sequentially ordered data packets, up to a determined sequence number, wherein said

determined sequence number is determined by adding a number data packets in said first plurality to a sequence number of the latest of said sequentially ordered data packets acknowledged by said electronic device in said acknowledgement packet;

receiving by said server a negative acknowledgement packet from said electronic device, said negative acknowledgement including a sequence number of a next expected data packet;

sending by said server to said electronic device a subsequent plurality of sequentially ordered data packets, wherein the first of said subsequent plurality is said next expected data packet;

receiving by said server a stop packet from said electronic device upon receipt by said electronic device of all packets indicated in said offer packet.

41. (Previously Presented) The method of claim 40, further comprising determining by said server whether said server is available to provide data to said electronic device.

42. (Previously Presented) The method of claim 40, wherein said negative acknowledgement packet is generated by said electronic device upon receipt of at least one data packet having a sequence identifier that is subsequent to an expected sequence identifier.

43. (Previously Presented) The method of claim 40, wherein said negative acknowledgement packet is generated by said electronic device upon a delay greater than a predetermined time interval in receiving at least one data packet having a next expected sequence identifier.

44. (Previously Presented) The method of claim 40, wherein said data comprises an operating system for said electronic device.

45. (Previously Presented) The method of claim 40, wherein said offer packet is unicasted to said electronic device.

46. (Currently Amended) A computer readable storage medium bearing instructions for a server to provide data to an electronic device, said instructions comprising comprising:

instructions for receiving by said server a discovery packet from said electronic device;

instructions for sending by said server to said electronic device, in response to said discovery packet, at least one offer packet indicating that said server is available to transmit said data, said offer packet indicating a number of packets;

instructions for receiving by said server a start packet from said electronic device;

instructions for sending by said server a first plurality of sequentially ordered data packets to said electronic device;

instructions for receiving by said server an acknowledgement packet from said electronic device, wherein said acknowledgement packet acknowledges receipt of a portion of said first plurality, and wherein said portion is greater than one and less than a total number of packets in said first plurality;

instructions for sending by said server to said electronic device an additional number of said sequentially ordered data packets, up to a determined sequence number, wherein said determined sequence number is determined by adding a number data packets in said first plurality to a sequence number of the latest of said sequentially ordered data packets acknowledged by said electronic device in said acknowledgement packet;

instructions for receiving by said server a negative acknowledgement packet from said electronic device, said negative acknowledgement including a sequence number of a next expected data packet;

instructions for sending by said server to said electronic device a subsequent plurality of sequentially ordered data packets, wherein the first of said subsequent plurality is said next expected data packet;

instructions for receiving by said server a stop packet from said electronic device upon receipt by said electronic device of all packets indicated in said offer packet.

47. (Previously Presented) The computer readable storage medium of claim 46, further comprising instructions for determining by said server whether said server is available to provide data to said electronic device.

48. (Previously Presented) The computer readable storage medium of claim 46, wherein said negative acknowledgement packet is generated by said electronic device upon receipt of at least one data packet having a sequence identifier that is subsequent to an expected sequence identifier.

49. (Previously Presented) The computer readable storage medium of claim 46, wherein said negative acknowledgement packet is generated by said electronic device upon a delay greater than a predetermined time interval in receiving at least one data packet having a next expected sequence identifier.

50. (Previously Presented) The computer readable storage medium of claim 46, wherein said data comprises an operating system.

51. (Previously Presented) The computer readable storage medium of claim 46, wherein said offer packet is unicasted to said electronic device.

52. (New) The method of claim 34, wherein said first plurality of sequentially ordered data packets comprises eight data packets and wherein said portion of said first plurality comprises four data packets.

53. (New) The method of claim 34, wherein said portion of said first plurality comprises half of said first plurality.

54. (New) The method of claim 34, wherein said portion of said first plurality comprises a predetermined fraction of said first plurality.

55. (New) The method of claim 40, wherein said first plurality of sequentially ordered data packets comprises eight data packets and wherein said portion of said first plurality comprises four data packets.

56. (New) The method of claim 40, wherein said portion of said first plurality comprises half of said first plurality.

57. (New) The method of claim 40, wherein said portion of said first plurality comprises a predetermined fraction of said first plurality.

58. (New) The computer readable storage medium of claim 46, wherein said first plurality of sequentially ordered data packets comprises eight data packets and wherein said portion of said first plurality comprises four data packets.

59. (New) The computer readable storage medium of claim 46, wherein said portion of said first plurality comprises half of said first plurality.

60. (New) The computer readable storage medium of claim 46, wherein said portion of said first plurality comprises a predetermined fraction of said first plurality.

61. (New) A method for delivering operating system data to an electronic device, comprising:

- broadcasting a discovery packet by said electronic device;
- receiving said discovery packet by a server;
- sending by said server to said electronic device, in response to said discovery packet, at least one offer packet indicating that said server is available to transmit said operating system data, said offer packet indicating a number of packets;
- receiving by said electronic device said offer packet;
- selecting by said electronic device said server for further transmission of said operating system data;
- sending by said electronic device a start packet to said server;

receiving by said server said start packet;

sending by said server a plurality sequentially ordered data packets to said electronic device, said sequentially ordered data packets comprising said operating system data, wherein a first predetermined number of said sequentially ordered data packets are sent at a time without waiting by said server for an acknowledgement from said electronic device, and wherein said first predetermined number is greater than one;

receiving by said electronic device said plurality of sequentially ordered data packets;

sending by said electronic device acknowledgement packets to said selected server, wherein said acknowledgement packets are sent after receiving a second predetermined number of said sequentially ordered data packets, and wherein said second predetermined number is greater than one and less than said first predetermined number;

receiving by said electronic device a last data packet of said sequentially ordered data packets from said selected server;

sending by said electronic device a stop packet to said server upon receipt of all packets indicated in said offer packet;

receiving by said server said stop packet.